

SEQUENCE LISTING

<110> Sheau Yu Teddy Hsu

<120> Intermedin and Its Uses

<130> STAN-284

<150> 60/429,327

<151> 2002-11-26

<160> 5

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)...(444)

<400> 1

atg gcc cgg atc ccg acg gcc gcc ctg ggt tgc atc agc ctc ctc tgc
48

Met	Ala	Arg	Ile	Pro	Thr	Ala	Ala	Leu	Gly	Cys	Ile	Ser	Leu	Leu	Cys
1				5					10					15	

ctg cag ctc cct ggc tcg ctg tcc cgc agc ctg ggc ggg gac ccg cga
96

Leu	Gln	Leu	Pro	Gly	Ser	Leu	Ser	Arg	Ser	Leu	Gly	Gly	Asp	Pro	Arg
			20					25					30		

ccc gtc aaa ccc agg gag ccc cca gcc cgg agc cct tcc agc agc ctg
144

Pro	Val	Lys	Pro	Arg	Glu	Pro	Pro	Ala	Arg	Ser	Pro	Ser	Ser	Ser	Leu
		35					40					45			

cag ccc agg cac ccc gca ccc cga cct gtg gtc tgg aag ctt cac cgg
192

Gln	Pro	Arg	His	Pro	Ala	Pro	Arg	Pro	Val	Val	Trp	Lys	Leu	His	Arg
	50					55					60				

gcc ctc cag gca cag agg ggt gcc ggc ctg gcc cct gtt atg ggt cag
240

Ala	Leu	Gln	Ala	Gln	Arg	Gly	Ala	Gly	Leu	Ala	Pro	Val	Met	Gly	Gln
	65				70					75					80

cct ctc cgg gat ggt ggc cgc caa cac tcg ggc ccc cga aga cac tcg
288

Pro	Leu	Arg	Asp	Gly	Gly	Arg	Gln	His	Ser	Gly	Pro	Arg	Arg	His	Ser
				85					90					95	

ggc ccc cgc agg acc caa gcc cag ctc ctg cga gtg ggc tgc gtg ctg
 336
 Gly Pro Arg Arg Thr Gln Ala Gln Leu Leu Arg Val Gly Cys Val Leu
 100 105 110

 ggc acc tgc cag gtg cag aat ctc agc cac cgc ctg tgg caa ctc atg
 384
 Gly Thr Cys Gln Val Gln Asn Leu Ser His Arg Leu Trp Gln Leu Met
 115 120 125

 gga ccg gcc ggc cgg cag gac tca gct cct gtg gac ccc agc agc ccc
 432
 Gly Pro Ala Gly Arg Gln Asp Ser Ala Pro Val Asp Pro Ser Ser Pro
 130 135 140

 cac agc tat ggc tga
 447
 His Ser Tyr Gly
 145

<210> 2
 <211> 148
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SIGNAL
 <222> (1)...(23)

 <221> PEPTIDE
 <222> (101)...(147)
 <223> Mature peptide

<400> 2
 Met Ala Arg Ile Pro Thr Ala Ala Leu Gly Cys Ile Ser Leu Leu Cys
 -20 -15 -10
 Leu Gln Leu Pro Gly Ser Leu Ser Arg Ser Leu Gly Gly Asp Pro Arg
 -5 1 5
 Pro Val Lys Pro Arg Glu Pro Pro Ala Arg Ser Pro Ser Ser Ser Leu
 10 15 20 25
 Gln Pro Arg His Pro Ala Pro Arg Pro Val Val Trp Lys Leu His Arg
 30 35 40
 Ala Leu Gln Ala Gln Arg Gly Ala Gly Leu Ala Pro Val Met Gly Gln
 45 50 55
 Pro Leu Arg Asp Gly Gly Arg Gln His Ser Gly Pro Arg Arg His Ser
 60 65 70
 Gly Pro Arg Arg Thr Gln Ala Gln Leu Leu Arg Val Gly Cys Val Leu
 75 80 85
 Gly Thr Cys Gln Val Gln Asn Leu Ser His Arg Leu Trp Gln Leu Met
 90 95 100 105
 Gly Pro Ala Gly Arg Gln Asp Ser Ala Pro Val Asp Pro Ser Ser Pro
 110 115 120
 His Ser Tyr Gly
 125

<210> 3
 <211> 27

<212> DNA
<213> H. sapiens

<400> 3
agggagggga actcagcagt tcaggag
27

<210> 4
<211> 28
<212> DNA
<213> H. sapiens

<400> 4
gttcttggtc ttgctgtcac ttgggcct
28

<210> 5
<211> 47
<212> PRT
<213> H. sapiens

<400> 5
Thr Gln Ala Gln Leu Leu Arg Val Gly Cys Val Leu Gly Thr Cys Gln
1 5 10 15
Val Gln Asn Leu Ser His Arg Leu Trp Gln Leu Met Gly Pro Ala Gly
20 25 30
Arg Gln Asp Ser Ala Pro Val Asp Pro Ser Ser Pro His Ser Tyr
35 40 45